

Amendments To The Claims

This Listing Of Claims will replace all prior versions, and listings, of the claims in the application.

Listing of the Claims:

Claim 1 (currently amended): Process for manufacturing a flexible packaging material from a single or multi-layer film or film-type laminate (7) containing a sealing layer (14) deposited on at least one free surface of the film or film-type laminate (7), characterized characterised in that, the sealing layer (14) is deposited locally, on the areas to be sealed, and the local deposition is performed using an electrostatic coating process in which coating particles are electrostatically charged and transferred to the film surface to be coated using transfer means by applying an electric field, and melted to give a coating film in the form of a coating later and subsequently solidi-fied solidified.

Claim 2 (currently amended): Process according to claim 1, characterized characterised in that the sealing layer is deposited on the film or film-type laminate using a process employing EMB technology (Electro-Magnetic-Brush Technology) and a two-component deposition system.

Claim 3 (currently amended): Process according to claim 2 one of the claims 1 to 2, characterized characterised in that the sealing layer (14) is deposited on the film or film-type laminate by means of an electrophotographic process.

Claim 4 (currently amended): Process according to claim 3 ~~one of the claims 1 to 3~~, characterized characterised in that the coating particles of the sealing layer (14) are in the form of dry particles, in particular powder particles.

Claim 5 (currently amended): Process according to claim 4, characterized characterised in that the coating particles of the sealing layer (14) are in the form of a powder lacquer, in particular a thermoplastic powder lacquer.

Claim 6 (currently amended): Process according to claim 5 ~~one of the claims 1 to 5~~, characterized characterised in that the sealing layer (14) is a hot-sealing layer.

Claim 7 (currently amended): Process according to claim 6 ~~one of the claims 1 to 6~~, characterized characterised in that the coating particles of the sealing layer (14) are deposited using electronic data processing means, forming on the film or film-type laminate (7) a pattern of the areas to be sealed.

Claim 8 (currently amended): Process according to claim 7 ~~one of the claims 1 to 7~~, characterized characterised in that the thickness of the sealing layer (14) to be deposited is monitored and/or regulated by means for electronic data processing.

Claim 9 (currently amended): Process according to claim 8 ~~one of the claims 1 to 8~~, characterized characterised in that the deposition of the sealing layer takes place in-line and continuously at a sealing station (4) in a film production line (10).

Claim 10 (currently amended): Production device (10) for manufacturing a flexible packaging material from a single or multi-layer film or film-type laminate

(7) in accordance with the process according to claim 1 ~~one of the claims 1 to 9~~, whereby the production device (10) is a film production line with a sealing station (4), characterized ~~characterised~~ in that, the sealing station (4) is arranged as an integral module in-line in the production device (10), and the sealing station (4) contains means for localized ~~localised~~ coating of the film or film-type laminate (7) using an electrostatic coating process.

Claim 11 (currently amended): Device according to claim 10, characterized ~~characterised~~ in that the means for electrostatic coating contains means for electrostatically charging coating particles and means for transferring the electrostatically charged coating particles on to the surface of the film to be coated.

Claim 12 (currently amended): Device according to claim 11 ~~one of the claims 10 to 11~~, characterized ~~characterised~~ in that the means for transferring the electrostatically charged coating particles contain a transfer roll or a transfer belt on which the electrostatically charged coating particles are deposited by means of electrostatic forces, and means for applying an electric field in order to transfer the electrostatically charged coating particles from the transfer roll or transfer belt to the surface of the film to be coated.

Claim 13 (currently amended): Device according to claim 12 ~~one of the claims 10 to 12~~, characterized ~~characterised~~ in that the sealing layer station (4) has appointed to it means for electronic data processing for specific deposition and regulating localized ~~localised~~, partial area layer deposition and/or for regulating the layer thickness.

Claim 14 (currently amended): Device according to claim 13 ~~one of the one of the claims 10 or 13~~, characterized characterised in that the sealing layer station (4) has appointed to it means for image processing for the purpose of creating a pattern of the areas to be sealed, this for the purpose of specific, localised localized deposition.

Claim 15 (currently amended): Device according to claim 14 ~~one of the claims 10 to 14~~, characterized characterised in that the means for image processing contains means for electronic data processing (EDP) such as image processing programs programmes for the purpose of creating printer's copies, whereby the data for the printer's copies are in digital form and the sealing station (4) contains means for coating the film or film-type laminate using an electrophotographic process.

Claim 16 (currently amended): Device according to claim 15 ~~one of the claims 10 to 15~~, characterized characterised in that the sealing station (4) contains a heating unit for melting the coating.

Claim 17 (currently amended): Use of the film type laminate (7) manufactured by the process according to claim 1, for the manufacture of sealable forms of packaging, in particular pouch-type forms of packaging such as flat pouches, flat bottom bags, standing pouches, small bags, cushion-type packs, bags, sacks, supports for goods, boxes, base parts for push-through packs, blister packs, lid materials for containers or supports for goods.

Claim 18 (new): Process according to claim 2, characterized in that the sealing layer (14) is deposited on the film or film-type laminate by means of an electrophotographic process.

Claim 19 (new): Process according to claim 3, characterized in that the coating particles of the sealing layer (14) are in the form of dry particles, in particular powder particles.

Claim 20 (new): Process according to claim 5, characterized in that the sealing layer (14) is a hot-sealing layer.

Claim 21 (new): Process according to claim 6, characterized in that the coating particles of the sealing layer (14) are deposited using electronic data processing means, forming on the film or film-type laminate (7) a pattern of the areas to be sealed.

Claim 22 (new): Process according to claim 7, characterized in that the thickness of the sealing layer (14) to be deposited is monitored and/or regulated by means for electronic data processing.

Claim 23 (new): Process according to claim 8, characterized in that the deposition of the sealing layer takes place in-line and continuously at a sealing station (4) in a film production line (10).

Claim 24 (new): Production device (10) for manufacturing a flexible packaging material from a single or multi-layer film or film-type laminate (7) in accordance with the process according to claim 9, whereby the production device (10) is a film production line with a sealing station (4), characterized in that, the sealing station (4) is arranged as an integral module in-line in the production

device (10), and the sealing station (4) contains means for localized coating of the film or film-type laminate (7) using an electrostatic coating process.

Claim 25 (new): Device according to claim 11, characterized in that the means for transferring the electrostatically charged coating particles contain a transfer roll or a transfer belt on which the electrostatically charged coating particles are deposited by means of electrostatic forces, and means for applying an electric field in order to transfer the electrostatically charged coating particles from the transfer roll or transfer belt to the surface of the film to be coated.

Claim 26 (new): Device according to claim 12, characterized in that the sealing layer station (4) has appointed to it means for electronic data processing for specific deposition and regulating localized, partial area layer deposition and/or for regulating the layer thickness.

Claim 27 (new): Device according to claim 13, characterized in that the sealing layer station (4) has appointed to it means for image processing for the purpose of creating a pattern of the areas to be sealed, this for the purpose of specific, localized deposition.

Claim 28 (new): Device according to claim 14, characterized in that the means for image processing contains means for electronic data processing (EDP) such as image processing programs for the purpose of creating printer's copies, whereby the data for the printer's copies are in digital form and the sealing station (4) contains means for coating the film or film-type laminate using an electrophotographic process.

Claim 29 (new): Device according to claim 15, characterized in that the sealing station (4) contains a heating unit for melting the coating.